

INTERNATIONAL SEARCH REPORT

Intern I Application No
PCT/IL2004/000730

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G11B7/007 G11B7/09 G11B7/14 G11B7/24 G11B7/135		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 G11B		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ, INSPEC		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 574 174 B1 (NISHIMURA SHUNICHI ET AL) 3 June 2003 (2003-06-03)	1, 3, 5, 7-24, 26, 28-36
Y	column 9, line 28 - column 18, line 54; figures 1-6 column 31, line 16 - column 35, line 10; figures 14A-23B	2, 6, 25, 27
X	----- WO 97/23872 A (THOMSON CSF ; LE CARVENNEC FRANCOIS (FR); HUIGNARD JEAN PIERRE (FR); P) 3 July 1997 (1997-07-03) the whole document	1, 3, 7-9, 11-13, 17
X	----- EP 0 461 956 A (THOMSON CSF) 18 December 1991 (1991-12-18) column 3, line 36 - column 9, line 23; figures 2-5 ----- -/-	1, 3, 4, 7, 19-24, 28-36
<div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex. </div>		
<div style="display: flex;"> <div style="flex: 1;"> <p>* Special categories of cited documents:</p> <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="flex: 1;"> <p>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>* & * document member of the same patent family</p> </div> </div>		
Date of the actual completion of the international search <div style="text-align: center; font-weight: bold;">8 December 2004</div>		Date of mailing of the international search report <div style="text-align: center; font-weight: bold;">03.03.2005</div>
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer <div style="text-align: center; font-weight: bold;">Hermann, R</div>

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 98/25268 A (GLUSHKO BORIS ALEXEY ; OPTICAL MEMORY DEVICES LTD (IL); LEVICH EUGENE) 11 June 1998 (1998-06-11)</p> <p>page 11, line 9 - page 14, line 13 page 22, line 25 - page 31, line 9; figures 9-18</p>	<p>1,3,5, 7, 11,12, 15,17, 19,26, 28-36</p>
Y	<p>US 6 122 133 A (NAZARIAN ARA W ET AL) 19 September 2000 (2000-09-19) cited in the application column 3, line 11 - column 10, line 59</p>	<p>25,27</p>
Y	<p>US 6 147 942 A (ABE HIROYUKI ET AL) 14 November 2000 (2000-11-14) abstract</p>	<p>2</p>
Y	<p>PATENT ABSTRACTS OF JAPAN vol. 2000, no. 05, 14 September 2000 (2000-09-14) -& JP 2000 057612 A (NEC CORP), 25 February 2000 (2000-02-25) abstract; figure 1</p>	<p>6</p>

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-36

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-36

A formatted 3D translucent optical medium with oblong servo marks that are angularly tilted relative to the axis of the data track.

2. claims: 37-39

A method for correcting spherical aberration in an optical system employing a correction element which is common to a number of focusing elements and has a major dimension larger than a respective major dimension of any of the focusing elements.

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Information on patent family members *

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6574174	B1	03-06-2003	AU 5699101 A EP 1281175 A2 WO 0178068 A2 WO 0180229 A2 US 2002041564 A1	23-10-2001 05-02-2003 18-10-2001 25-10-2001 11-04-2002
WO 9723872	A	03-07-1997	FR 2742911 A1 DE 69630590 D1 DE 69630590 T2 EP 0811227 A1 WO 9723872 A1 JP 11501143 T US 6091697 A	27-06-1997 11-12-2003 30-09-2004 10-12-1997 03-07-1997 26-01-1999 18-07-2000
EP 0461956	A	18-12-1991	FR 2663146 A1 DE 69121020 D1 DE 69121020 T2 EP 0461956 A1 JP 4229417 A	13-12-1991 29-08-1996 19-12-1996 18-12-1991 18-08-1992
WO 9825268	A	11-06-1998	US 6071671 A AU 5358398 A EP 0943144 A1 JP 2001524245 T WO 9825268 A1 US 6291132 B1	06-06-2000 29-06-1998 22-09-1999 27-11-2001 11-06-1998 18-09-2001
US 6122133	A	19-09-2000	NONE	
US 6147942	A	14-11-2000	JP 11039664 A	12-02-1999
JP 2000057612	A	25-02-2000	NONE	